

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S228	907999	((2nd second plural\$5 multi \$3) near2 layer\$2) multi \$1layer\$2 plural\$1layer\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S229	3	369/44.24.ccls. and S228 AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S230	461231	photo\$1detect\$3 photo\$1sens \$3 light\$1detect\$3 light\$1sens \$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S231	405881	(hologra\$6 diffract\$3 prism)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S232	31	"369".clas. and S228 and S231 same ((second 2nd) near2 S230) AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S233	461231	photo\$1detect\$3 photo\$1sens \$3 light\$1detect\$3 light\$1sens \$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S234	907999	((2nd second plural\$5 multi \$3) near2 layer\$2) multi \$1layer\$2 plural\$1layer\$2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S235	4137	((inter\$1layer\$2 ((inter between among\$2) adj1 layer \$2)) near3 (noise talk\$3 light))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S236	20629	(stray near2 (light beam laser))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S237	6	"369".clas. and (S234 S235 S236 cross\$1talk\$3) and (S233 near5 (between) near5 (focus\$4 focal condens\$3 converg\$3) near1 (point area location position)) AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S238	8	"369".clas. and S233 near5 (between) near5 (focus\$4 focal condens\$3 converg\$3) near1 (point area location position) AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58

S239	49	369/112.\$ ccls. AND 369/44.37.ccls. AND 369/94. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S240	3	369/112.\$ ccls. AND 369/94. ccls. not S239 AND @PD>="20091031"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S241	3	369/112.\$ ccls. AND 369/94. ccls. not S239 AND @PD>="20091031"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S242	141	369/112.\$ ccls. AND 369/94. ccls. not S239	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S243	17	369/94.ccls. and ((cross adj1 talk\$3) cross\$1talk\$3) not (S239 S242) AND @PD>="20091031"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S244	4	"369".clas. and (chang\$3 near1 position\$3) near1 S233 AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S245	6	"369".clas. and (S234 S235 S236 cross\$1talk\$3) and (S233 near5 (between) near5 (focus\$4 focal condens\$3 converg\$3) near1 (point area location position)) AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S246	2	"369".clas. and (condens\$3 near1 lens) near3 (move\$1 moving movable drive\$1 driving drivable) with S233 AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S247	4	369/112.15.ccls. AND @PD>="20091031"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S248	461231	photo\$1detect\$3 photo\$1sens \$3 light\$1detect\$3 light\$1sens \$3 ((photo light optic\$2) near1 (detect\$3 sens\$3))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S249	13	(focus\$3 focal converg\$3 condens\$3) near2 (point spot location position region) near2 between near2 S248 AND @PD>="20080811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S250	1	((second 2nd plural\$5) near1 layer) and S248 near3 (position\$4 driv\$4 actuat\$4 mov\$4) near3 (direction near3 (axis axial)) AND @PD>="20080811"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58

S251	20	(partial\$2 near1 (light beam)) same ((1st first) near2 (layer)) same ((2nd second) near2 (layer)) AND @PD>="20090311"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S252	5	("359" "369").clas. and (((photo\$3 light\$3) near1 (detect\$4 sens\$4)) OR (photo \$1detect\$4 photo\$1sens\$4)) near3 between near5 (focus \$4 condens\$4) near2 (point spot) AND @PD>="20090311"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S253	13	369/112.\$ ccls. and (two 2nd second other next) near2 ((record\$6 writ\$4 data) near1 (layer surface)) and ((partial) near3 (light beam ray)) AND @PD>="20090311"	US-PGPUB; USPAT; USOCR	OR	ON	2010/08/25 00:58
S254	189	369/112.15.ccls. and @ad<"20060718"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/25 00:58
S255	37	(S229 S232 S237 S238 S239 S240 S241 S242 S243 S244 S245 S246 S247 S249 S250 S251 S252 S253 S254) AND @PD>="20100426"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/08/25 00:58
S256	5	(Ogata near2 Tetsuya\$2).IN. AND @PD>="20100426"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/08/25 01:00
S257	4	(Kimura near2 Shigeharu\$2).IN. AND @PD>="20100426"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/08/25 01:00

### EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S258	36	((cross\$1section\$3 partial\$1cross \$1section\$3 (partial near1 cross near1 section\$3)) AND layer AND (beam light ray irradia\$3) AND (condens\$3 focus\$4) AND (((photo\$3 light \$3) near1 (detect\$4 sens\$4)) OR (photo \$1detect\$4 photo \$1sens\$4)) AND axis). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/08/25 00:50

S259	19	((cross\$1section\$3 partial\$1cross \$1section\$3 (partial near1 cross near1 section\$3)) AND layer AND (beam light ray irradia\$3) AND (condens\$3 focus\$4) AND (((photo\$3 light \$3) near1 (detect\$4 sens\$4)) OR (photo \$1detect\$4 photo \$1sens\$4)) AND axis). clm.	US-PGPUB	OR	ON	2010/08/25 00:50
S260	17	S258 NOT S259	US-PGPUB; USPAT; UPAD	OR	ON	2010/08/25 00:50

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